

**PART II: Information Cited**

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

The Applicant hereby makes the following additional information of record in the above-identified application. The Applicant would like to bring to the Examiner's attention the following co-pending applications (copies enclosed\*) that may contain subject matter related to this application:

	<u>Serial No.</u>	<u>Filing Date</u>	<u>Docket No.</u>	<u>Inventor(s)</u>
/NR/	09/540,024	03/31/2000	B0801.70169US00	Tzianabos et al.
/NR/	10/388,390	03/13/2003	B0801.70279US00	Comstock et al.
/NR/	10/432,406	12/05/2001	B0801.70199US01	Wang et al.
/NR/	10/848,779	05/19/2004	B0801.70169US01	Tzianabos et al.

/Nora Rooney/ 05/13/2007

\*except for 10/432,406 and 10/388,390, which are published applications listed in the accompanying Form 1449

**PART III: Remarks**

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

FORM PTO-1449/A and B (Modified)		JUN 21 2004		APPLICATION NO.: 10/814,620	ATTY. DOCKET NO.: B0801.70280US01
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		PCT TRADEMARK		RECEIVING DATE: March 31, 2004	CONFIRMATION NO.: Not Yet Assigned
				APPLICANT: Tzianabos et al.	
Sheet 1 of 3				GROUP ART UNIT: Not Yet Assigned	EXAMINER: Not Yet Assigned

#### U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
/NR/	A1	5,679,654		Tzianabos et al.	10-21-1997
/NR/	A2	5,700,787		Tzianabos et al.	12-23-1997
/NR/	A3	2002/0090357	A1	Barrat et al.	07-11-2002
/NR/	A4	2003/0219413	A1	Comstock et al.	11-27-2003
/NR/	A5	2004/0092433	A1	Wang et al.	05-13-2004

#### FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/Country	Number	Kind Code			
/NR/	B1	WO	00/59515	A2	The Brigham and Women's Hospital, Inc.	10-12-2000	
/NR/	B2	WO	02/45708	A2	The Brigham and Women's Hospital, Inc.	06-13-2002	
/NR/	B3	WO	03/075953	A2	Eli Lilly and Company	09-18-2003	

#### OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
/NR/	C1	AKBARI O et al., Antigen-specific regulatory T cells develop via the ICOS-ICOS-ligand pathway and inhibit allergen-induced airway hyperreactivity. Nat Med. 2002 Sep;8(9):1024-32. Epub 2002 Jul 29.	
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/NR/	C3	BAUMANN H et al., Structural elucidation of two capsular polysaccharides from one strain of Bacteroides fragilis using high-resolution NMR spectroscopy. Biochemistry. 1992 Apr 28;31(16):4081-9.	
/NR/	C4	BRUBAKER JO et al., Mitogenic activity of purified capsular polysaccharide A from Bacteroides fragilis: differential stimulatory effect on mouse and rat lymphocytes in vitro. J Immunol. 1999 Feb 15;162(4):2235-42.	
/NR/	C5	DIFABIO JL et al., Structure of the capsular polysaccharide antigen of type IV group B <i>Streptococcus</i> . Can. J. Chem. 1989; 67: 877-882.	
/NR/	C6	FINBERG RW et al., Decay-accelerating factor expression on either effector or target cells inhibits cytotoxicity by human natural killer cells. J Immunol. 1992 Sep 15;149(6):2055-60.	
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/NR/	C9	GENBANK Accession Number CAC06612; Hutloff; 19-Jan-2001.	
/NR/	C10	GENBANK Accession Number NM_012092; 20-Dec-2003.	

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			FILING DATE: March 31, 2004	CONFIRMATION NO.: Not Yet Assigned	
			APPLICANT: Tzianabos et al.		
			GROUP ART UNIT: Not Yet Assigned	EXAMINER: Not Yet Assigned	

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/NR/	C11	GENBANK Accession Number NP_036224; 20-Dec-2003.	
/NR/	C12	GLAZEBROOK J et al., A novel exopolysaccharide can function in place of the calcofluor-binding exopolysaccharide in nodulation of alfalfa by <i>Rhizobium meliloti</i> . <i>Cell</i> . 1989 Feb 24;56(4):661-72.	
/NR/	C13	GROUX H et al., A CD4+ T-cell subset inhibits antigen-specific T-cell responses and prevents colitis. <i>Nature</i> . 1997 Oct 16;389(6652):737-42.	
/NR/	C14	GROUX H, Type 1 T-regulatory cells: their role in the control of immune responses. <i>Transplantation</i> . 2003 May 15;75(9 Suppl):8S-12S.	
/NR/	C15	HAMELMANN E et al., Noninvasive measurement of airway responsiveness in allergic mice using barometric plethysmography. <i>Am J Respir Crit Care Med</i> . 1997 Sep;156(3 Pt 1):766-75.	
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/NR/	C19	JONULEIT H et al., Identification and functional characterization of human CD4(+)CD25(+) T cells with regulatory properties isolated from peripheral blood. <i>J Exp Med</i> . 2001 Jun 4;193(11):1285-94.	
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/NR/	C21	KALKA-MOLL WM et al., Effect of molecular size on the ability of zwitterionic polysaccharides to stimulate cellular immunity. <i>J Immunol</i> . 2000 Jan 15;164(2):719-24.	
/NR/	C22	KALKA-MOLL WM et al., Immunochemical and biological characterization of three capsular polysaccharides from a single <i>Bacteroides fragilis</i> strain. <i>Infect Immun</i> . 2001 Apr;69(4):2339-44.	
/NR/	C23	KENNE L et al., Structural studies of the O-specific side-chains of the <i>shigella sonnei</i> phase I lipopolysaccharide. <i>Carbohydr Res</i> . 1980 Jan 1;78(1):119-26.	
/NR/	C24	KENNEDY R et al., Prevention of experimental postoperative peritoneal adhesions by N,O-carboxymethyl chitosan. <i>Surgery</i> . 1996 Nov;120(5):866-70.	
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/NR/	C28	MOJTABAVI N et al., Long-lived Th2 memory in experimental allergic asthma. <i>J Immunol</i> . 2002 Nov 1;169(9):4788-96.	
/NR/	C29	OH JW et al., CD4 T-helper cells engineered to produce IL-10 prevent allergen-induced airway hyperreactivity and inflammation. <i>J Allergy Clin Immunol</i> . 2002 Sep;110(3):460-8.	
/NR/	C30	ONDERDONK AB et al., Evidence for T cell-dependent immunity to <i>Bacteroides fragilis</i> in an intraabdominal abscess model. <i>J Clin Invest</i> . 1982 Jan;69(1):9-16.	
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			APPLICANT: Tzianabos et al.	
Sheet	3	of	3	GROUP ART UNIT: Not Yet Assigned EXAMINER: Not Yet Assigned

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/NR/	C37	TAYLOR RL et al., Stoichiometric depolymerization of polyuronides and glycosaminoglyuronans to monosaccharides following reduction of their carbodiimide-activated carboxyl groups. <i>Biochemistry.</i> 1972 Apr 11;11(8):1383-8.	
/NR/	C38	TOURNOY KG et al., Endogenous interleukin-10 suppresses allergen-induced airway inflammation and nonspecific airway responsiveness. <i>Clin Exp Allergy.</i> 2000 Jun;30(6):775-83.	
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/NR/	C42	TZIANABOS AO et al., Structural rationale for the modulation of abscess formation by <i>Staphylococcus aureus</i> capsular polysaccharides. <i>Proc Natl Acad Sci U S A.</i> 2001 Jul 31;98(16):9365-70. Epub 2001 Jul 24.	
/NR/	C43	TZIANABOS AO et al., T cells activated by zwitterionic molecules prevent abscesses induced by pathogenic bacteria. <i>J Biol Chem.</i> 2000 Mar 10;275(10):6733-40.	
/NR/	C44	TZIANABOS AO et al., The capsular polysaccharide of <i>Bacteroides fragilis</i> comprises two ionically linked polysaccharides. <i>J Biol Chem.</i> 1992 Sep 5;267(25):18230-5.	
/NR/	C45	VAN SCOTT MR et al., IL-10 reduces Th2 cytokine production and eosinophilia but augments airway reactivity in allergic mice. <i>Am J Physiol Lung Cell Mol Physiol.</i> 2000 Apr;278(4):L667-74.	
/NR/	C46	VANN WF et al., The structure of the capsular polysaccharide (K5 antigen) of urinary-tract-infective <i>Escherichia coli</i> O10:K5:H4. A polymer similar to desulfo-heparin. <i>Eur J Biochem.</i> 1981 May 15;116(2):359-64.	
/NR/	C47	WANG Y et al., Structural basis of the abscess-modulating polysaccharide A2 from <i>Bacteroides fragilis</i> . <i>Proc Natl Acad Sci U S A.</i> 2000 Dec 5;97(25):13478-83.	
/NR/	C48	WESSELS MR et al., Structure and immunochemistry of an oligosaccharide repeating unit of the capsular polysaccharide of type III group B <i>Streptococcus</i> . A revised structure for the type III group B streptococcal polysaccharide antigen. <i>J Biol Chem.</i> 1987 Jun 15;262(17):8262-7.	

EXAMINER	/Nora Rooney/	DATE CONSIDERED	05/13/2007
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#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. \_\_\_, filed \_\_\_, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

[NOTE - Must provide a copy of any patent, publication, other information listed, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>			
<b>Sheet 1 of 1</b>			
<b>NOV 17 2004</b>		APPLICATION NO.: 10/814,620	ATTY. DOCKET NO.: B0801.70280US01
		FILING DATE: March 31, 2004	CONFIRMATION NO.: 5444
<b>APPLICANT:</b> Tzianabos et al.			
		GROUP ART UNIT: 1645	EXAMINER: Not Yet Assigned

#### U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
/NR/	A6	4,782,067		Blythin et al.	11-01-1988
/NR/	A7	4,835,252		Musso et al.	05-30-1989
/NR/	A8	2001-001788	A1	Satoh et al.	05-24-2001

#### FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/Country	Number	Kind Code			
/NR/	B4	JP	56 128721		Eisai Co., Ltd.	10-08-1981	
/NR/	B5	EP	1 358 885	A1	Amato Pharmaceutical Products, Ltd.	11-05-2003	
/NR/	B6	EP	1 459 757	A1	Brigham and Women's Hospital, Inc.	09-22-2004	

#### OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)

EXAMINER:	DATE CONSIDERED:
/Nora Rooney/	05/13/2007

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[NOTE - The Office hereby waives the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC 371 after June 30, 2003. See 37 CFR 1.491(b). For all patent applications filed on or before June 30, 2003, copies of cited U.S. patents and patent application publications are still required unless an eIDS is filed. Copies of all other patent(s), publication(s), or other information listed must still be provided, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]